



December 1, 1980  
 New Information  
 Mailed to: E, D, C/2169/DB

# B-225 Clear Air Drying Varnish

### General Description

Westinghouse B-225 is an oleoresinous varnish widely recognized as an ideal varnish for general purpose use. B-225 is recommended only for surface treatment and should not be used for impregnation of coils or wound apparatus. Used extensively as an aluminum paint vehicle for indoor application and as a finish coat for wood and laminated plastics.

### Features

- Dries to a hard, tough finish
- Recommended for finishing purposes on coils and wound apparatus where good moisture and oil resistance is desired.
- An ideal varnish for maintenance and rehabilitation of electrical equipment.

### Descriptive Information

Color .....	Amber
Non-Volatiles .....	52±1%
Specific Gravity .....	0.870 - 0.890
Viscosity (Demmler #1 @ 25° C.) .....	30-60 Seconds
Thinner .....	Mineral Spirits
Flash Point .....	100° F.
ASTM Drying Time @ 25° C. .....	5 Hours
	Maximum
Dielectric Strength - Dry .....	1400 Volts/Mil
Dielectric Strength - Wet .....	500 Volts/Mil
Flex Life @ 110° C. ....	1000 Hours
Flex Life @ 150° C. ....	70-80 Hours

### Performance Information

Bond Strength .....	Good
Moisture Resistance .....	Very Good
Oil Resistance .....	Very Good
Acid Resistance .....	Fair
Alkali Resistance .....	Fair

### Application Information

Indoor use where moisture and oil resistance is a factor  
 Coils  
 Wound Apparatus  
 Aluminum Paint Vehicle  
 Wood-Indoor Use  
 Laminated Plastic - Indoor Use  
 Maintenance and rehabilitation of electrical equipment

### Method of Application

B-225 may be applied by dipping, brushing, or spraying. For dipping and brushing application, the varnish may be used in the as-received condition. For spraying, the varnish can be thinned with one part naphtha thinner to two parts varnish.

### Packaging Information

Westinghouse B-225 Clear Air Drying Varnish is available in 1-gallon cans, 5-gallon pails, and 55-gallon drums.